

Work Order ID 151262

Friday, September 16, 2016 2:51:07 PM

151262

Page 1

Item ID: D350-689-013

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Floor Provisions

Start Date: 9/26/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/6/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: Rem Date: 10/19/16

Tooling:

Date: _____

Run Start

NR1

QC: _____ Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D350-689	C								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy D350-689 bluefile & type labels per PPP D350-689-013 CHG 005								
101	Pick Kit	0.00							
101									
Packaging	Memo	0.00							
Packaging									
110	QC4- 100% Inspect kits for completeness	0.00							
110									
QC	Memo	0.01							
Quality Control									

SEP 30 2016

DAS
21
9-89

1670-03

DAS
27
9-89

OCT 04 2016

DAS
6
9-89DAS
28
9-89

OCT 03 2016

DAS
27
9-89

OCT 04 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
☐ OTHER : _____					

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Page 2

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Accept

N900040100

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NS1

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Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120		0.00							
120	Packaging					DAS 27			
Packaging	Memo	0.00				9-89			
Packaging	Identify and pack for shipping as per PPP D350-689-013 Location: FG027								
						OCT 04 2016			
130	QC21- Final Inspection - Work Order Release	0.00							
130						DAS 21			
QC	Memo	0.02				9-89			
Quality Control								OCT 04 2016	



DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

Picklist Print

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Page 1

Work Order ID: 151262

151262

Parent Item: D350-689-013

D350-689-013

Parent Item Name: Floor Provisions

Start Date: 9/26/2016

Required Date: 10/6/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP rev D 06.02.07 Re-format ec
 IPP rev E 06.02.28 Fixed typo ec
 IPP rev.F 07.01.02 per dsi 9311 ec
 10.06.07 remove qty 1 D3033-1 DD verf:EC IPP Rev:G
 PER IIN REVB DD VERF:EC IPP REV:H 11.11.17
 ECN11-674 DD VERF:EC IPP REV:I 11.11.24 AS PER
 REV.B DD VERF:JLM IPP REV:J 12.11.20 AS PER DSI9588

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4575-3 *D4575-3* Doubler		Manufactured	No			110	Each	2.0000	1	1			
									**	157255		OCT 03 2016	DAS 28 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST259				2					
				145611				2					
D3025-1 *D3025-1* Beam		Manufactured	No			110	Each	1.0000	1	1			
									**	157255		OCT 03 2016	DAS 28 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST258				1					
				128214				1					
D4575-1 *D4575-1* Beam		Manufactured	No			110	Each	13.0000	1	1			
									**			OCT 03 2016	DAS 28 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST259				13					
				146063				6					
				147703				7					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
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						Lead hand / Supervisor Approval Verification															
			QC / QA Coordinator Approval																		
Root Cause			FAULT CATEGORY																		
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																
OTHER : ☐																					

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Page 2

Work Order ID: 151262

151262

Parent Item: D350-689-013

D350-689-013

Parent Item Name: Floor Provisions

Start Date: 9/26/2016

Required Date: 10/6/2016

Start Qty: 1.00

Required Qty: 1.00

D3027-1

Manufactured No

110

Each

12.0000

1

1

D3027-1

Clip

DAS
27
9-89

Location

Loc Qty

Loc Code

ST015

12

147726

12

D3027-3

Manufactured No

110

Each

5.0000

1

1

D3027-3

Clip

DAS
27
9-89

Location

Loc Qty

Loc Code

ST015

5

128215

5

D3027-5

Manufactured No

110

Each

6.0000

1

1

D3027-5

Clip

DAS
27
9-89

Location

Loc Qty

Loc Code

ST015

6

128216

6

D3027-7

Manufactured No

110

Each

40.0000

4

4

D3027-7

Clip

DAS
27
9-89

Location

Loc Qty

Loc Code

ST015

40

145824

39

147054

1

**

**

**

**

OCT 03 2016

OCT 03 2016

OCT 03 2016

OCT 03 2016

DAS
6
9-89

DAS
6
9-89

DAS
6
9-89

DAS
6
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

Friday, September 16, 2016 2:51:06 PM

151262

D350-689-013

Required Date: 10/6/2016

Required Qty: 1.00

1

****** 15

~~OCT 03 2016~~

DATE
62
9-89-89

DAS
27
9-89

Loc Code

2

2

0.0000 2 2

OCT 03 2016

DAS 6
9-89

**DAS
27
9-89**

OCT 03 2016

DAS 6
9-89 2

DAS
27
9-89

Loc Code

6

6

10.0000	2	2
---------	---	---

OCT 03 2016

DAS
Q2
9-89

DAS
27
9-89

Loc Code

10

10

50.0000	12	1
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12 1

~~OCT 03 2016~~

DAS
6
2
9-E

DAS
27
9-89

Loc Code

50

50

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Picklist Print

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Work Order ID: 151262

151262

Parent Item: D350-689-013

D350-689-013

Parent Item Name: Floor Provisions

Start Date: 9/26/2016

Required Date: 10/6/2016

Start Qty: 1.00

Required Qty: 1.00

MS24693-S273

Purchased

No

110

Each

481.0000

2

2

MS24693-S273

Screw

**

OCT 03 2016

Location

Loc Qty

Loc Code

GA

10

117291

10

ST286

471

100151

389

M129682

82

110

Each

252.0000

6

6

MS27039-1-10

Purchased

No

MS27039-1-10

SCREW

**

OCT 03 2016

Location

Loc Qty

Loc Code

GA

12

m129541

12

ST280

240

m135603

240

DAS
27
9-89

DAS
28
9-89

DAS
28
9-89

DAS
27
9-89

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Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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OTHER : ☐																					

Picklist Print

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Page 5

Work Order ID: 151262

151262

Parent Item: D350-689-013

D350-689-013

Parent Item Name: Floor Provisions

Start Date: 9/26/2016

Required Date: 10/6/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0332J

Purchased

No

110

Each

1,764.000

6

6

NAS1149D0332.J

Washer

**

OCT 03 2016

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CA	6	
m129682	6	
FP001	204	
m134848	204	
GA	300	
m134848	300	
ST260a	1200	
m135566	600	
m135672	600	
ST264	54	
m135536	54	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition																					
								Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
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Work Order ID 151262

151262

Page 1

Friday, September 16, 2016 2:51:07 PM

Item ID: D350-689-013

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Floor Provisions

Start Date: 9/26/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/6/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: *Rem*

Date: *10/01/16*

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D350-689	C	DAS 6 9-89							
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy D350-689 bluefile & type labels per PPP D350-689-013	CHG 005							
101	Pick Kit	0.00							
101									
Packaging	Memo	0.00							
Packaging									
110	QC4- 100% Inspect kits for completeness	0.00							
110									
QC	Memo	0.01							
Quality Control									

DAS
21
9-89

OCT 03 2016

SEP 30 2016

5.0 PARTS LIST

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
X						D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X					D350-689-013	FLOOR PROVISIONS KIT
		X				D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH
		1	X			D350-689-023	ENERGY ATTENUATING FLOOR PROVISIONS KIT
1				X		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
		1			X	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY
1		1				D3018-1	SEAT CUSHION
1		1				D3019-1	BACK CUSHION
	1					D3025-1	BEAM
	1					D3027-1	CLIP
	1					D3027-3	CLIP
	1					D3027-5	CLIP
	4		4			D3027-7	CLIP
				4		D3028-1	STUD
				2		D3029-1	SPRING
				2		D3030-1	LOCK
	1					D3032-1	SPACER
	2					D3033-1	SEAT TRACK
	1					D3234-1	DOUBLER
	2					D3234-5	SPACER
				2		D3808-041	SEAT RAIL ASSEMBLY
				4		D3809-1	SLIDING BLOCK
			1			D3811-041	SEAT TRACK ASSEMBLY
	1		1			D4575-1	BEAM
	1		1			D4575-3	DOUBLER
				1	1	D5162-041	SEAT STRUCTURE ASSEMBLY
			9			MS21042L3	NUT (OR MS21042-3)
	12					MS21059L3	NUTPLATE
	2					MS24693-S273	SCREW
			9			MS24694-S50	SCREW
	6					MS27039-1-10	SCREW
	6					NAS1149D0332J	WASHER (OR AN960JD10L)
			9			NAS1149D0363J	WASHER (OR AN960JD10)